

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A board fixing device wherein, when a printed circuit board is inserted into a connector fixed to a motherboard wherefrom a printed circuit board is detachable, said connector having spring contacts forming a contact point row in a direction perpendicular to the insertion direction of a board, said printed circuit board is rotated in a direction whereby the said spring contacts are pressed, while one end of said printed circuit board is put into contact with the spring contacts, and the other end of the said printed circuit board is locked against the driving force of said spring contacts, thereby fixing the printed circuit board; comprising:

a base portion extending along an edge portion of the said other end of the printed circuit board;

protruding portions provided in the vicinity of both ends of the base portion, preventing said printed circuit board from being lifted up when the printed circuit board is fixed, by covering the vicinity of both end portions of an edge portion of the printed circuit board;

and a stabilizing piece being formed in a perpendicular direction from said base portion, and fitting into a notched portion formed in the edge portion of the said other end of the printed circuit board when the printed circuit board is fixed.

2-8. (Cancelled)

9. (Previously presented) A board fixing device recited in Claim 1, having a grounding terminal portion coming into contact in the vicinity of a side portion of the said other end of a printed circuit board.

10. (Previously presented) A board fixing device recited in Claim 9, wherein the said grounding terminal is formed integrally from a conducting material, along with the motherboard-fixing portion.

11. (Previously presented) A board fixing device wherein, when a printed circuit board is inserted into a connector fixed to a motherboard wherefrom a printed circuit board is detachable, said connector having spring contacts forming a contact point row in a direction perpendicular to the insertion direction of a board, said printed circuit board is rotated in a direction whereby the said spring contacts are pressed, while one end of said printed circuit board is put into contact with the spring contacts, and the other end of the said printed circuit board is locked against the driving force of said spring contacts, thereby fixing the printed circuit board; comprising:

a base portion extending along an edge portion of the said other end of the printed circuit board;

protruding portions provided in the vicinity of both ends of the base portion, preventing said printed circuit board from being lifted up when the printed circuit board is fixed, by covering the vicinity of both end portions of an edge portion of the printed circuit board;

and a stabilizing piece protruding from a mounting piece joined to a base portion whereupon the said printed circuit board is placed, that is inserted into a hole provided on the printed circuit board when the printed circuit board is fixed, thereby fixing said printed circuit board in the board surface direction.

12. (Previously presented) A board fixing device recited in Claim 1, characterized in that the top portion of a protruding portion of the said base portion has an inclined surface inclined towards the motherboard side, and when the said other end is pressed towards the motherboard direction in order to fix a printed circuit board, the said base portion elastically deforms due to a force exerted on the said inclined surface, and when the said other end goes beyond the protruding portion, the said base portion returns to its original position due to resilience, thereby making both end portions of a printed circuit board and the said protruding portions lockable.

13. (Previously presented) A board fixing device recited in Claim 12, comprising a wall that restricts the deformation of a base portion beyond a predetermined amount, when the said base portion elastically deforms due to contact between the said other end of a printed circuit board and the said inclined surface of the top portion of a protruding portion provided on the base portion, during the fixing of a printed circuit board.

14. (Previously presented) A board fixing device wherein, when a printed circuit board is inserted into a connector fixed to a motherboard wherefrom a printed circuit board is detachable,

said connector having spring contacts forming a contact point row in a direction perpendicular to the insertion direction of a board, said printed circuit board is rotated in a direction whereby the said spring contacts are pressed, while one end of said printed circuit board is put into contact with the spring contacts, and the other end of the said printed circuit board is locked against the driving force of said spring contacts, thereby fixing the printed circuit board; comprising:

a base portion extending along an edge portion of the said other end of the printed circuit board;

protruding portions provided in the vicinity of both ends of the base portion, preventing said printed circuit board from being lifted up when the printed circuit board is fixed, by covering the vicinity of both end portions of an edge portion of the printed circuit board;

a back portion joined to the said base portion and extending along the back surface of the base portion;

and a stabilizing piece protruding from the portion joined to the said back portion, that is inserted into a hole provided on a printed circuit board when the said printed circuit board is fixed, thereby fixing said printed circuit board in the board surface direction.

15. (Previously presented) A board fixing device recited in Claim 14, characterized in that the top portion of a protruding portion of the said base portion has an inclined surface inclined towards the motherboard side, and when the said other end is pressed towards the motherboard direction in order to fix a printed circuit board, the said base portion

elastically deforms due to a force exerted on the said inclined surface, and when the said other end goes beyond the protruding portion, the said base portion returns to its original position due to resilience, thereby making both end portions of a printed circuit board and the said protruding portions lockable.

16. (Previously presented) A board fixing device recited in Claim 15, characterized in that during the fixing of a printed circuit board, the said back portion restricts the said base portion from being elastically deformed beyond a predetermined amount, when the said base portion is elastically deformed due to contact between the said other end of the printed circuit board and the inclined surface of the top portion of a protruding portion provided on the base portion.

17. (New) A board fixing device configured to cooperate with a connector fixed to a motherboard and configured to detachably receive a printed circuit board, the connector having spring contacts forming a contact point row in a direction perpendicular to an insertion direction of the printed circuit board, wherein the printed circuit board is rotated in a direction whereby the spring contacts are pressed, while one end of the printed circuit board is put into contact with the spring contacts, and an opposite end of the printed circuit board is locked against the driving force of the spring contacts, thereby fixing the printed circuit board; comprising:

a base portion configured to extend along an edge portion of the opposite end of the printed circuit board;

protruding portions provided in a vicinity of two ends of the base portion, preventing the printed circuit board from being lifted up when the printed circuit board is fixed, by covering a vicinity of end portions of the edge portion of the printed circuit board;

wherein the board fixing device further comprises a fixing system configured to substantially stationarily fix the printed circuit board to prevent movement of the printed circuit board in a direction perpendicular to the direction of insertion, parallel to the motherboard.

18. (New) A board fixing device recited in Claim 17, wherein the fixing system comprises a stabilizing piece being formed in a perpendicular direction from the base portion, and adapted to be fitted into a notched portion formed in the edge portion of the opposite end of the printed circuit board when the printed circuit board is fixed.

19. (New) A board fixing device recited in Claim 18, having a grounding terminal portion coming into contact in a vicinity of a side portion of the opposite end of the printed circuit board.

20. (New) A board fixing device recited in Claim 19, wherein the grounding terminal is formed integrally from a conducting material, along with a motherboard-fixing portion.

21. (New) A board fixing device recited in Claim 17, wherein the fixing system comprises a stabilizing piece protruding from a mounting piece joined to the base portion upon which the printed circuit board is placed, wherein the stabilizing piece is configured to be inserted into a hole provided on the

printed circuit board when the printed circuit board is fixed, thereby fixing the printed circuit board in the direction perpendicular to the direction of insertion.

22. (New) A board fixing device recited in Claim 18, comprising a wall that restricts deformation of the base portion beyond a predetermined amount, when the base portion elastically deforms due to contact between the opposite end of a printed circuit board and an inclined surface of a top portion of the protruding portion provided on the base portion, during the fixing of a printed circuit board.

23. (New) A board fixing device recited in Claim 17, comprising a back portion joined to the base portion and extending along a back surface of the base portion and wherein the fixing system comprises a stabilizing piece protruding from a portion joined to the back portion adapted to be inserted into a hole provided on the printed circuit board when the printed circuit board is fixed, thereby fixing the printed circuit board in the direction perpendicular to the direction of insertion.

24. (New) A board fixing device recited in Claim 23, wherein during the fixing of a printed circuit board, the back portion is configured to restrict the base portion from being elastically deformed beyond a predetermined amount, when the base portion is elastically deformed due to contact between the opposite end of the printed circuit board and an inclined surface of a top portion of the protruding portion provided on the base portion.

25. (New) A board fixing device recited in Claim 18, wherein a top portion of the protruding portion of the base portion has an inclined surface inclined towards a motherboard side, and when the opposite end is pressed towards the motherboard in order to fix the printed circuit board, the base portion elastically deforms due to a force exerted on the inclined surface, and when the opposite end goes beyond the protruding portion, the base portion returns to its original position due to resilience, thereby making both end portions of the printed circuit board and the protruding portions lockable.

26. (New) A board fixing device recited in Claim 17, wherein the fixing system comprises a fixing means for fixing the printed circuit board in the direction perpendicular to the direction of insertion, parallel to the motherboard.

27. (New) A board fixing device recited in Claim 11, characterized in that a top portion of a protruding portion of the base portion has an inclined surface inclined towards the motherboard side, and when the other end is pressed towards the motherboard direction in order to fix a printed circuit board, the base portion elastically deforms due to a force exerted on the inclined surface, and when the other end goes beyond the protruding portion, the base portion returns to its original position due to resilience, thereby making both end portions of a printed circuit board and the protruding portions lockable.